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HAKUENKA O

HAKUENKA O is a superior ultra-fine calcium carbonate coated with organic compound.

HAKUENKA O has 30nm uniformed ultra-fine particles as primary particle. These particles are surface treated with rosin acid in order to provide compatible surface modification when it is mixed with organic materials or with vehicle.

HAKUENKA O is mainly used for ink application as an extender pigment for better transparency and gloss.

HAKUENKA O is also applied for a rubber industry. The rubber compounds with **HAKUENKA O** shows better tensile strength, tear strength and flex resistance.

Crystal Properties

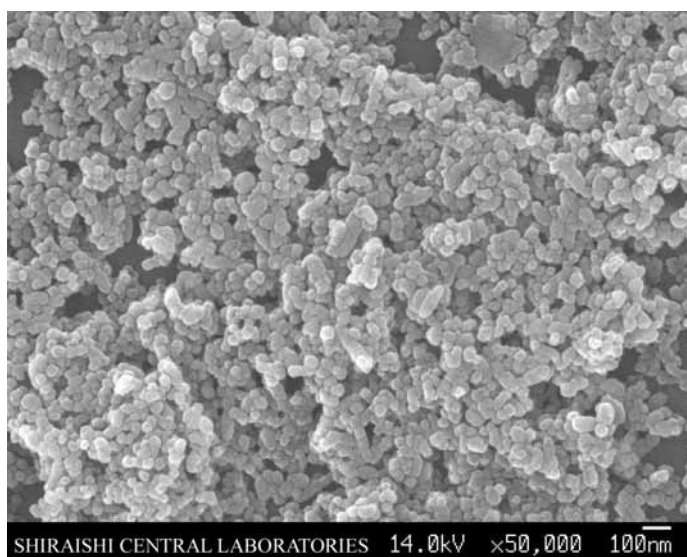
Crystal Structure		Calcite
Particle Shape		Cubic
Specific Gravity	g/cm ³	2.56
Refractive Index		1.5-1.7

Powder Properties (Typical)

Whiteness	%	89
BET Specific Surface Area	m ² /g	52.0
pH (Reference)		8.7
Average Particle Size	nm	30
Moisture	%	0.9

SEM Image

× 50,000



Classification

Molecular Formula	CaCO ₃
CAS Number	471-34-1